

EXHIBIT RAS-1

This is exhibit RAS-1 referred to in Declaration Under 37 C.F.R. 1.132 by Richard Anthony
Strugnell dated 27.9.01

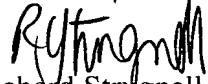

Richard Strugnell

Exhibit RAS-1

Abridged *curriculum vitae* for Richard Anthony Strugnell.

CURRICULUM VITAE

Name: Richard Anthony Strugnell

Work Address: Department of Microbiology and Immunology,
The University of Melbourne, VIC 3010 AUSTRALIA
tel. (03) 8344 5712
e-mail. rastru@unimelb.edu.au

Nationality: AUSTRALIAN

Qualifications: Bsc(Hons), PhD,
FASM (Fellowship of the Australian Society for Microbiology)
University: Monash University, CLAYTON VIC AUSTRALIA

Present Appointments:

Associate Professor and Reader, The University of Melbourne
Deputy Director, Cooperative Research Centre for Vaccine Technology
Regional Editor, VACCINE
Registrar, Australian Society for Microbiology Examinations Board

Previous Appointments:

Senior Lecturer, The University of Melbourne
CJ Martin Fellow, The National Health and Medical Research Council
Molecular Biologist, Wellcome Research Laboratories, Kent, UK
Research Officer, Monash University
Demonstrator/Tutor, Monash University
Graduate Student, Monash University

Numerous Publications and Patents in the fields of.

Anti-microbial immunology, vaccine technology, defining antibody responses, cellular immunology, antigen identification, pathology and disease pathogenesis (total PubMed citations = 62 as R/RA Strugnell)